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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/778,837	02/08/2001	Norihiro Nakatsuhama	1614.1123	6812
21171 7:	590 09/26/2003			
STAAS & HALSEY LLP SUITE 700 1201 NEW YORK AVENUE, N.W.			EXAMINER	
			BHAT, ADITYA S	
WASHINGTON, DC 20005			ART UNIT	PAPER NUMBER
			2863 DATE MAILED: 09/26/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

		A			
	Application No.	Applicant(s)			
Ossian Rasian Current	09/778,837	NAKATSUHAMA ET AL.			
Office Action Summary	Examiner	Art Unit			
	Aditya S Bhat	2863			
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the	correspondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, - Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). Status	i6(a). In no event, however, may a reply be to within the statutory minimum of thirty (30) da rill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONI	mely filed ys will be considered timely. n the mailing date of this communication. ED (35 U.S.C. § 133).			
1) Responsive to communication(s) filed on 27 A	<u>flay 2003</u> .				
2a) ☐ This action is FINAL . 2b) ☑ Thi	s action is non-final.				
3) Since this application is in condition for allowa					
closed in accordance with the practice under a Disposition of Claims	Ex parte Quayle, 1935 C.D. 11,	453 O.G. 213.			
4) Claim(s) 1-7 is/are pending in the application.					
4a) Of the above claim(s) is/are withdrawn from consideration.					
5) Claim(s) is/are allowed.					
6)⊠ Claim(s) <u>1-7</u> is/are rejected.					
7) Claim(s) is/are objected to.	Claim(s) is/are objected to.				
8) Claim(s) are subject to restriction and/or	r election requirement.				
Application Papers					
9) ☐ The specification is objected to by the Examiner.					
10)⊠ The drawing(s) filed on <u>06 February 2001</u> is/are: a)⊠ accepted or b)□ objected to by the Examiner.					
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.					
					
If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner.					
Priority under 35 U.S.C. §§ 119 and 120					
13)⊠ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).					
a) ☐ All b) ☐ Some * c) ☐ None of:					
1.⊠ Certified copies of the priority documents	s have been received				
2. Certified copies of the priority documents		tion No.			
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.					
14) Acknowledgment is made of a claim for domestic	·				
a) ☐ The translation of the foreign language pro 15)☐ Acknowledgment is made of a claim for domesti	visional application has been re	ceived.			
Attachment(s)					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s)	5) Notice of Informal	ry (PTO-413) Paper No(s) I Patent Application (PTO-152)			
I.S. Patent and Trademark Office					

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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-5 and 7 rejected under 35 U.S.C. 102(b) as being anticipated by Takaba et al. (USPN 5,565,856).

Takaba et al. (USPN 5,565,856) teaches the limitations of Claim 1 as follows; an abnormality detection device for detecting an abnormality in a communication bus, the device comprising of

a timer counter measuring a time during which a signal is transmitted through said communications bus continues to be a first logical level (825;See Figure 9, 945;Figure 24 & (Col.7& 8, lines 64-67 & 1-24) and

a comparator comparing the time measured by said timer counter with a threshold value and outputting an abnormality detection signal indicating an abnormality in said communication bus when the time surpasses said threshold value (Col. 7, lines 30-50)

Claim 5 has all the limitations of claim one with the addition of an additional timer (Col. 1, lines 50-56) and a register for adding the time measured by one of the timers (Col.7, line 40-45)

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With regards to Claim 7, Takaba et al. (USPN 5,565,856) teaches a microcomputer connected to a bus comprising of a timer to measure a transmission time in a communications bus and a comparator to compare the time measure to a threshold value (120;See Figure 1a).

Regarding claims 2-3, Takaba et al. (USPN 5,565,856) teaches initializing the timer and comparator. (See figure 9)

Regarding Claims 4, Takaba et al. (USPN 5,565,856) teaches plurality of registers and a means for selecting values stored in those registers. (1020;Figure 11)

Allowable Subject Matter

Claim 6 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Response to Arguments

2. Applicant's arguments with respect to claims1-7 have been considered but are most in view of the new ground(s) of rejection.

Conclusion

During patent examination, the pending claims must be "given the broadest reasonable interpretation consistent with the specification." Applicant always has the opportunity to amend the claims during prosecution, and broad interpretation by the examiner reduces the possibility that the claim, once issued, will be interpreted more

broadly than is justified. In re Prater, 415 F.2d 1393, 1404-05, 162 USPQ 541, 550-51 (CCPA 1969).

While the meaning of claims of issued patents are interpreted in light of the specification, prosecution history, prior art and other claims, this is not the mode of claim interpretation to be applied during examination. During examination, the claims must be interpreted as broadly as their terms reasonably allowed. This means that the words of the claim must be given their plain meaning unless applicant has provided a clear definition in the specification. In re Zletz, 893 F.2d 319, 321, 13 USPQ2d 1320, 1322 (Fed. Cir. 1989).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aditya S Bhat whose telephone number is 703-308-0332. The examiner can normally be reached on M-F 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on 703-308-3126. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-5841 for regular communications and 703-308-5841 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Aditya S. Bhat August 11, 2003

John Barlow Supervisory Patent Examiner

Technology Center 2800